

**PART B - FEE(S) TRANSMITTAL**

Complete and send this form, together with applicable fee(s), to: **Mail**

**Mail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
(703) 746-4000**

NOV 15 2004

**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

25763 7590 10/15/2004

DORSEY & WHITNEY LLP  
INTELLECTUAL PROPERTY DEPARTMENT  
50 SOUTH SIXTH STREET  
MINNEAPOLIS, MN 55402-1498

11/16/2004 DEMMANU2 00000109 10055186

01 FC:2501 685.00 OP  
02 FC:1504 300.00 OP

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

**Certificate of Mailing or Transmission**

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

Barbara A. Avery

(Depositor's name)

Barbara A. Avery

(Signature)

November 12, 2004

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/055,186	01/23/2002	Peter J. Schiller	14143	8462

TITLE OF INVENTION: PIEZOELECTRIC RATE SENSOR SYSTEM AND METHOD

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$685	\$300	\$985	01/18/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
SWARTHOUT, BRENT	2636	340-974000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Dorsey & Whitney LLP

2 \_\_\_\_\_

3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Triad Sensors, Inc.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Minneapolis, MN 55447 (USA)

Please check the appropriate assignee category or categories (will not be printed on the patent):  Individual  Corporation or other private group entity  Government

4a. The following fee(s) are enclosed:

4b. Payment of Fee(s):

- Issue Fee  
 Publication Fee (No small entity discount permitted)  
 Advance Order - # of Copies \_\_\_\_\_

A check in the amount of the fee(s) is enclosed.

Payment by credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 04-1420 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.  
 b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

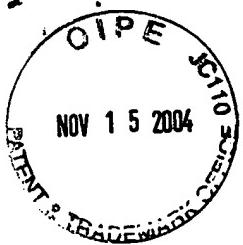
Date November 12, 2004

Typed or printed name Min (Amy) S. Xu

Registration No. 39,536

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



Docket: 14143

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor:	Peter J. Schiller	
Application No.:	10/055,186	
Filing Date:	January 23, 2002	Examiner: Swarthout, B.
Title:	<b>Piezoelectric Rate Sensor System and Method</b>	Group Art Unit: 2636

**LETTER SUBMITTING ISSUE FEE**

**Mail Stop Issue Fee**  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

I hereby certify that this document is being sent via First Class U.S. mail addressed to: **Mail Stop Issue Fee**, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 12 day of November, 2004.

*Barbara A. Avery*  
Barbara A. Avery

Dear Sir:

Pursuant to the Notice of Allowance mailed October 15, 2004, the above-identified application has been allowed and payment of the issue fee is now required. Enclosed are the following items:

1. Part B – Fee(s) Transmittal (PTOL-85) (1 pg.);
2. Application Fee Transmittal (1 pg.);
3. Check in the amount of \$985.00 for payment of the Issue Fee (\$685) and Publication Fee (\$300); and
4. Return Receipt Postcard.

Respectfully submitted,

**DORSEY & WHITNEY LLP**  
**Customer Number 25763**

Date: November 12, 2004

By: *Min S. Xu*

Min (Amy) S. Xu, (Reg. No. 39,536)  
Intellectual Property Department  
Suite 1500, 50 South Sixth Street  
Minneapolis, MN 55402-1498  
(612) 752-7367

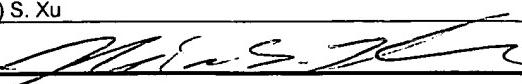


**APPLICATION  
FEE TRANSMITTAL SHEET  
(FY 2004)**

<i>Complete if Known</i>	
Application No.	10/055,186
Filing Date	January 23, 2002
First Named Inventor	Peter J. Schiller
Group Art Unit	2636
Examiner Name	Swarthout, B.
Atty. Docket Number	14143

METHOD OF PAYMENT (Check One)			FEE CALCULATION (Continued)		
1. <input checked="" type="checkbox"/> The Director is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account No.: 04-1420 Deposit Account Name: DORSEY & WHITNEY LLP			<b>3. ADDITIONAL FEES</b>		
<input checked="" type="checkbox"/> Charge any additional fee required under 37 C.F.R. 1.16 and 1.17 <input checked="" type="checkbox"/> Applicant claims small entity status (see 37 C.F.R. 1.27)			Large Entity Fee	Small Entity Fee	Fee Description
2. <input checked="" type="checkbox"/> Check Enclosed			50	25	Surcharge - late provisional filing fee or cover sheet
			130	65	Surcharge – Late nonprovisional filing fee or oath
			180	180	Submission of IDS
			40	40	Recording each patent assignment per property (times number of properties)
			110	55	Extension for reply within first month
			420	210	Extension for reply within second month
			950	475	Extension for reply within third month
			1,480	740	Extension for reply within fourth month
			2,010	1,005	Extension for reply within fifth month
			770	385	Submission After Final 1.129
			330	165	Notice of Appeal
			330	165	Filing a brief in support of an appeal
			290	145	Request for oral hearing
			110	55	Terminal Disclaimer Fee
			130	130	Petitions to the Commissioner
			50	50	Petitions related to provisional applications
1. BASIC FILING FEE			1,330	685	Utility/Reissue Issue Fee (including advance copies) \$685
Large Entity Fee	Small Entity Fee	Fee Description	480	240	Design Issue Fee (inc. advance copies)
160	80	<input type="checkbox"/> Provisional Filing Fee	770	385	Request for Continued Examination (RCE)
770	385	<input type="checkbox"/> Utility Filing Fee	300	300	Publication fee for early, voluntary, or normal publication \$300
340	170	<input type="checkbox"/> Design Filing Fee	300	300	Publication fee for re-publication
770	385	<input type="checkbox"/> Reissue Filing Fee	110	55	Petition to Revive – unavoidable
Subtotal (1) N/A			1,330	665	Petition to Revive – unintentional
2. EXTRA* CLAIM FEES			OTHER FEE (specify)		
Number Claims	Prior	Extra	Fee from Below*	Fee Paid	
Total	- 20	=	x	=	
Indep.	- 3	=	x	=	
Multiple Dependent Claims		=	x	=	
Subtotal (2) N/A			Subtotal (3)	\$985	
*Calculation of Extra Claim Fees			Total Amount of Payment: \$985		
Large Entity Fee	Small Entity Fee	Fee Description			
18	9	Claims in excess of 20			
86	43	Independent claims in excess of 3			
290	145	Multiple dependent Claim			
86	43	Reissue independent claims over original patent			
18	9	Reissue claims in excess of 20 and over original patent			

Submitted by:

CUSTOMER NUMBER <b>25763</b>	DORSEY & WHITNEY LLP	Intellectual Property Department Suite 1500, 50 South Sixth Street Minneapolis, MN 55402
Name: Min (Amy) S. Xu	Phone No.: (612) 752-7367	Fax No.: (612) 340-8856
Signature: 	Reg. No.: 39,536	Date: November 12, 2004